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Jul 28, 1999

DERWENT-ACC-NO: 1999-562622

DERWENT-WEEK: 199949

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TITLE: Brightening and leveling agent for lead and tin methylsulfonate electroplating bath

INVENTOR: LIU, M; WU, Z ; YANG, C

PATENT-ASSIGNEE:

ASSIGNEE

CODE

UNIV QINGHUA

UYQI

PRIORITY-DATA: 1998CN-0111714 (December 25, 1998)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
CN 1224083 A	July 28, 1999		000	C25D003/36

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
CN 1224083A	December 25, 1998	1998CN-0111714	

INT-CL (IPC): C25 D 3/36

ABSTRACTED-PUB-NO: CN 1224083A

BASIC-ABSTRACT:

A brightening and leveling agent for the electroplating bath of lead or tin methanesulfonate is prepared from solvent (water and water-soluble alcohol), primary brightening agent (aldehyde compounds), secondary brightening agent (phenol) and surfactant (polyoxyethylenated alkylphenol) through dissolving the brightening agents in alcohol, dissolving surfactant in water and mixing them together.

ADVANTAGE - Compact and uniform cladding material, and high adhesion.

TITLE-TERMS: BRIGHTEN AGENT LEAD TIN ELECTROPLATING BATH

DERWENT-CLASS: A97 E12 E14 M11

CPI-CODES: A05-H03; A10-E08A; A12-W12C; A12-W12E; E10-D01D; E10-E02U; E10-E04M1; M11-B01;

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1999-164280